

Abstract of the Disclosure

A method for assigning codes in an uplink of a synchronous code division multiple access (CDMA) telecommunication system is disclosed. The method for assigning a code in a reverse channel of a synchronous wireless telecommunication system, comprising the steps of: a) at a mobile station, receiving time matching information of a scrambling code from a base station; b) at the mobile station, spreading data frame to be transmitted by an orthogonal code, thereby generating a spread data; and c) at the mobile station, multiplying the spread data by a scrambling code based on the time matching information of the scrambling code, thereby generating an encoded data.